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JUL 25 2003  
TECH CENTER 1600/2900

3/18

Fig. 3

10 20 30 40 50 60  
5' → 3' GGGGGGGCT GCAGCTAGA GAATCCAC GAATCAATG GCGGGGCA GAAGATCCAT  
3' → 5' CTTAGTTTAC CCGGCCCCGT CTCTACGTA

70 80 90 100 110  
GGCTGAGGC GCGGCAAGC TTCTATAG  
CCGAGCTCCG CCGGGTTCG AAGATATCAC AGTGGATTCA GCATACAC

MCS-1: DNA sequence represented by \_\_\_\_\_

MCS-2: DNA sequence represented by ~~~~~

MCS-3: DNA sequence represented by ==

MCS-4: DNA sequence represented by \_\_\_\_\_

Fig. 9

Lac operator of POPI3

5' → 3'  
3' → 5'

BamHI

AGCTTGGTTGGAATCTAAAATACACAAACAATTAGGATCCCTGAGGAGCAGTTCCTTTGAT  
ACCAACCTTAGATTTTATGTGTTTGTATCTCTAGGACTCCTCTCAAGAACTA

TTGCACCACCAGGAGCCTCAAATTTTCAATAAATTCACCTGACTGCACATTAGGACTTT  
AACGTGGTGGTCTCGGAGTTTAAAAAGTTATTTAAGTGGACTGAGGAGTAATCCTGAAA

GGCTTTGAGCTTCCACCTCTCAGTACTTCTGTAATCTGTCTGCTTCATCAATATTTAT  
CCGAACTCGAAGGGTGGAGATCAATGAACGACTTATGACAGACGAAGTAGTTATAATA

CATAGGTGTGCCCAATGATATTTGCAACCCCTCCCTGTTGGCTACTTGTCTCACCATTG  
GTATGCCACACGGGTTTACTATAAACGTTGGGAAGGGACAAACGATGAACAGAGTGGTAAC

BamHI

Sall

TAGGCTAATGGGAGACGGATCCGTAGTTTAAACACATTATACACTAGGGTCGACTGEGGA  
ATCCGGATTACCTCTGCTTAGGCATCAAATTTGTATATATGTGATCCAGCTGACACCT

Sall

ATTGTGAGCGCTCACAATTCCACAACCTAGGGTCGACTGTGGAATTGTGAGCGCTCACAA  
TAACACTCGGAGTGTTAAGGTGTGGATCCAGCTGACACCTTAACACTCGGAGTGT

Sall

TTCCACAACCTAGGGTCGACTGTGGAATTGTGAGCGCTCACAATTCCACAACCTAGTAAA  
AAGGTGTGGATCCAGCTGACACCTTAACACTCGGAGTGTTAAGGTGTGGATCATTT

TTTATATTTACCTTAGAGCTTTAAATCTCTGTAGGTAGTTTGTCCA  
AAAATATAATGGAATCTCGAAATTTAGAGACATCCATCAAACAGGTTCCA

